

Table K2. - Soil Features

Powhatan County, Virginia

Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
1B:									
Abell	---	---	---	---	---	---	---	Moderate	High
Chewacla	---	---	---	---	---	---	---	---	---
Partlow	---	---	---	---	---	---	---	---	---
2B:									
Altavista	---	---	---	---	---	---	---	Moderate	Moderate
3B:									
Appling	---	---	---	---	---	---	---	Moderate	Moderate
Partlow	---	---	---	---	---	---	---	---	---
3C:									
Appling	---	---	---	---	---	---	---	Moderate	Moderate
Chewacla	---	---	---	---	---	---	---	---	---
Partlow	---	---	---	---	---	---	---	---	---
4:									

Table K2. - Soil Features - Continued

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Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
4: Augusta	---	---	---	---	---	---	---	High	Moderate
5B: Buncombe	---	---	---	---	---	---	---	Low	Moderate
6B2: Cecil	---	---	---	---	---	---	---	High	High
6C2: Cecil	---	---	---	---	---	---	---	High	High
Chewacla	---	---	---	---	---	---	---	---	---
Partlow	---	---	---	---	---	---	---	---	---
7: Chenneby	---	---	---	---	---	---	---	High	Moderate
Forestdale	---	---	---	---	---	---	---	---	---
Ponded soils	---	---	---	---	---	---	---	---	---
8:									

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Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
8:		In	In		In	In			
Chewacla	---	---	---	---	---	---	---	High	Moderate
Ponded soils	---	---	---	---	---	---	---	---	---
Forestdale	---	---	---	---	---	---	---	---	---
9B:									
Creedmoor	Bedrock (paralithic)	60-96	---	Strongly cemented	---	---	---	High	High
Partlow	---	---	---	---	---	---	---	---	---
10A:									
Dogue	---	---	---	---	---	---	---	High	High
10B:									
Dogue	---	---	---	---	---	---	---	High	High
10C:									
Dogue	---	---	---	---	---	---	---	High	High
11B:									
Enon	---	---	---	---	---	---	---	High	Moderate
11C:									

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Map Symbol and Soil Name	Restrictive Layer				Subsidence		Potential for Frost Action	Risk of Corrosion	
	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
11C: Enon	---	---	---	---	---	---	---	High	Moderate
12: Forestdale	---	---	---	---	---	---	---	High	Moderate
Ponded soils	---	---	---	---	---	---	---	---	---
13B: Helena	---	---	---	---	---	---	---	High	High
Enon	---	---	---	---	---	---	---	High	Moderate
14B: Kempsville	---	---	---	---	---	---	---	Low	Moderate
15B: Mayodan	---	---	---	---	---	---	---	High	Moderate
15C: Mayodan	---	---	---	---	---	---	---	High	Moderate
Partlow	---	---	---	---	---	---	---	---	---
16C:									

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
16C: Pacolet	---	---	---	---	---	---	---	High	High
Partlow	---	---	---	---	---	---	---	---	---
16D: Pacolet	---	---	---	---	---	---	---	High	High
17D3: Pacolet	---	---	---	---	---	---	---	High	High
17E3: Pacolet	---	---	---	---	---	---	---	High	High
18B3: Pacolet	---	---	---	---	---	---	---	High	High
18C3: Pacolet	---	---	---	---	---	---	---	High	High
19: Partlow	---	---	---	---	---	---	---	High	High
20: Pits	Bedrock (lithic)	0	---	---	---	---	---	---	---

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
21B:									
Poindexter	Bedrock (paralithic)	20-40	---	Strongly cemented	---	---	---	Moderate	Moderate
	Bedrock (lithic)	50-60	---	Indurated					
21C:									
Poindexter	Bedrock (paralithic)	20-40	---	Strongly cemented	---	---	---	Moderate	Moderate
	Bedrock (lithic)	50-60	---	Indurated					
21D:									
Poindexter	Bedrock (paralithic)	20-40	---	Strongly cemented	---	---	---	Moderate	Moderate
	Bedrock (lithic)	50-60	---	Indurated					
21E:									
Poindexter	Bedrock (paralithic)	20-40	---	Strongly cemented	---	---	---	Moderate	Moderate
	Bedrock (lithic)	50-60	---	Indurated					
22:									
Toccoa	---	---	---	---	---	---	---	Low	Moderate
23B:									
Trenholm	---	---	---	---	---	---	---	High	Moderate
23C:									

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
23C: Trenholm	---	---	---	---	---	---	---	High	Moderate
24A: Turbeville	---	---	---	---	---	---	---	High	High
24B2: Turbeville	---	---	---	---	---	---	---	High	High
25C: Turbeville	---	---	---	---	---	---	---	High	High
Partlow	---	---	---	---	---	---	---	---	---
25D: Turbeville	---	---	---	---	---	---	---	High	High
26: Udorthents	---	---	---	---	---	---	---	---	---
27B: Wedowee	---	---	---	---	---	---	---	Moderate	High
27C: Wedowee	---	---	---	---	---	---	---	Moderate	High

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	Kind	Depth to Top	Thickness	Hardness	Initial	Total		Uncoated Steel	Concrete
		In	In		In	In			
27C: Partlow	---	---	---	---	---	---	---	---	---
27D: Wedowee	---	---	---	---	---	---	---	Moderate	High
Partlow	---	---	---	---	---	---	---	---	---
DAM: Dam	---	---	---	---	---	---	---	---	---
W: Water	---	---	---	---	---	---	---	---	---